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(54) **SPOOL WINDING FORM OF EXTRA FINE WIRE AND SPOOL CASE**

flange part 3 of the spool 1 and tape-fastened 8.

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(57) Abstract:

PROBLEM TO BE SOLVED: To provide a spool winding form having a cross multilayer winding where a winding wound in crossed multilayer on a spool does not cause a loosed winding under vibration and impact, and is effectively prevented from the loosed winding without breaking and a spool case.

SOLUTION: In a winding form having a cross multilayer winding part 5 including a part winding part 6 and an upper layer part 7, the main winding part 6 is the main body part formed in a cross multilayer winding so as to facilitate undoing in the case of undoing the winding and to prevent the occurrence of a disconnection. The upper layer part 7 is wound in a winding form different from the main winding part 6 so as to prevent a loosed winding in the upper layer of the main winding part 6 formed in the cross multilayer winding. The winding end 7a of the upper part 7 is a position where winding up more than 70% is carried out in a width direction of the top layer of the upper layer part 7, and the end of an extra fine wire is hanged from the winding end 7a to a

